Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
Li.	1549	baker-kevin-p.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/29 11:45
L3	13	baron-will-f.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/29 11:46
14	2	"6825324"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/29 11:46
L5	2	"6001621".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/29 11:50
L6	1073	protein same tyrosine same kinase same nucleic same acid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/29 11:50
L7	821	protein same tyrosine same kinase same vector	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/29 11:50
L9	42643	protein same tyrosine same kinase host same cell same nucleic same acid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/29 11:51

SEQ ID NO: 3

# SUMMARIES

		*						
Result		Query				B		
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1	3637	100.0	3637		AR094160	AR094160 Sequence		
2	3637	100.0	3637		AR103004	AR103004 Sequence		
3 363		100.0		3637 6 AR105288		AR105288 Sequence		
4	3637	100.0	3637 6 I8		180845	180845 Sequence 3		
5	3453.2	94.9	3751	6	AR404117	AR404117 Sequence		
6	3451	94.9	3962	6	I68738	168738 Sequence 1		
7	3441.8	94.6	3754	6	A42378	A42378 Sequence 1		
8	3438.6	94.5	3738	9	HUMRTK	L11315 Homo sapien		
c 9	3407	93.7	3736	11	BV177346	BV177346 sqnm94146		
10	3399.6	93.5	3803	6	AR380727	AR380727 Sequence		
11	3399.6	93.5	3803	9	HUMCAK	L20817 Homo sapien		
	3243.6	89.2	3554	6	AX268594	AX268594 Sequence		
13	3243.6	89.2	3554	9	HSTRKE	X74979 H.sapiens T		
14	3236.4	89.0	3609	9	BC070070	BC070070 Homo sapi		
		88.9	3841	9	HSRETYK1	Z29093 H.sapiens E		
15	3232.4			6		CQ722450 Sequence		
16	3209.6	88.2	3829		CQ722450	L57508 Homo sapien		
17	3167.6	87.1	3692	9	HUMCAKA			
18	2503.2	68.8	2631	12	AY335786	AY335786 Synthetic		
19	2503.2	68.8	2631	12	BT008202	BT008202 Synthetic		
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21	2354.8	64.7	3674	10	MUSCAK	L57509 Mus musculu		
22	2314	63.6	3743	10	RATPTK3D	L26525 Rattus norv		
23	1283.8	35.3	2582	10	BC065998	BC065998 Mus muscu		
24	1272.8	35.0	1593	9	AK130776	AK130776 Homo sapi		
25	1197	32.9	1197	6	AR094162	AR094162 Sequence		
26	1197	32.9	1197	6	AR103006	AR103006 Sequence		
27	1197	32.9		6	AR105290	AR105290 Sequence		
		•				-		
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LOCUS DEFINITI	ARO ION Seq ON ARO	uence : 94160	3 from p		nt US 6001621.	linear PAT 08-SEP-2000		
LOCUS DEFINITI ACCESSIO	ARO ION Seq ON ARO ARO	uence : 94160			nt US 6001621.	linear PAT 08-SEP-2000		
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LOCUS DEFINITI ACCESSIO VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOR	ARO CON Seq ON ARO ARO Unk ISM Unk Unc CE 1	puence: 94160 94160. nown. nown. lassif (bases	ied. 1 to 30	0020 637) ark,	nt US 6001621. 905 M.R. and Scadden,D.T.	linear PAT 08-SEP-2000		
LOCUS DEFINITI ACCESSIO VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOF	ARO FON Seq ON ARO ARO Unk Unk Unc Unc FOR Unk Unc FOR Unk Unc	nuence: 94160 94160. nown. nown. lassif (bases lowski,	ied. 1 to 30 P.J., Mayrosine	0020 637) ark, kin	nt US 6001621. 905 M.R. and Scadden,D.T. ases	linear PAT 08-SEP-2000		
LOCUS DEFINITI ACCESSIO VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOR TITLE JOURNA	ARO ION Seg ON ARO ARO S . Unk ISM Unk Unc CE 1 RS Good Pro	nuence: 94160. 94160. nown. lassif (bases lowski, tein t	ied. 1 to 30 P.J., Mayrosine 5 60016	0020 637) ark, kin 21-A	nt US 6001621.  905  M.R. and Scadden,D.T. ases 3 14-DEC-1999;	linear PAT 08-SEP-2000		
LOCUS DEFINITI ACCESSIO VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOR TITLE JOURNA FEATURES	ARO FON Sequence of the control of t	nuence: 94160 94160. nown. lassif (bases lowski, tein t	ied. 1 to 30 P.J., Ma yrosine 5 60016 Location	0020 637) ark, kin 21-A n/Qu	nt US 6001621. 905 M.R. and Scadden,D.T. ases	linear PAT 08-SEP-2000		
LOCUS DEFINITI ACCESSIO VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOR TITLE JOURNA FEATURES	ARO ION Seg ON ARO ARO S . Unk ISM Unk Unc CE 1 RS Good Pro	nuence 194160 194160 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ied. 1 to 30 P.J., Ma yrosine 5 60016 Location	0020 637) ark, kin 21-A n/Qu	nt US 6001621.  905  M.R. and Scadden,D.T. ases 3 14-DEC-1999; alifiers	linear PAT 08-SEP-2000		
LOCUS DEFINITI ACCESSIO VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOR TITLE JOURNA FEATURES	ARO FON Sequence of the control of t	nuence: 94160 94160. nown. nown. classif. (bases lowski, btein t	ied. 1 to 30 P.J., Mayrosine S 60016: Location Location Lorgania	0020 637) ark, kin 21-A n/Qu 7 sm="	nt US 6001621.  905  M.R. and Scadden,D.T.  ases 3 14-DEC-1999; alifiers  unknown"	linear PAT 08-SEP-2000		
LOCUS DEFINITI ACCESSIO VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOR TITLE JOURNA FEATURES	ARO FON Sequence of the control of t	nuence: 94160 94160. nown. nown. classif. (bases lowski, btein t	ied. 1 to 30 P.J., Mayrosine S 60016: Location Location Lorgania	0020 637) ark, kin 21-A n/Qu 7 sm="	nt US 6001621.  905  M.R. and Scadden,D.T. ases 3 14-DEC-1999; alifiers	linear PAT 08-SEP-2000		
LOCUS DEFINITI ACCESSIO VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOR TITLE JOURNA FEATURES	ARO FON Sequence of the control of t	nuence: 94160 94160. nown. nown. classif. (bases lowski, btein t	ied. 1 to 30 P.J., Mayrosine S 60016: Location Location Lorgania	0020 637) ark, kin 21-A n/Qu 7 sm="	nt US 6001621.  905  M.R. and Scadden,D.T.  ases 3 14-DEC-1999; alifiers  unknown"	linear PAT 08-SEP-2000		
LOCUS DEFINITI ACCESSIO VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOR TITLE JOURNA FEATURES SOU ORIGIN	ARO ION Seq DN ARO S . Unk ISM Unk Unc CE 1 RS Good Pro AL Pat	nuence: 94160 94160. nown. nown. classif. (bases lowski, tein t	ied. 1 to 30 P.J., Mayrosine 5 60016: Location 1. 363' /organia	637) ark, kin 21-A n/Qu 7 sm="	nt US 6001621.  905  M.R. and Scadden,D.T. ases 3 14-DEC-1999; alifiers unknown" unassigned DNA"			
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LOCUS DEFINITI ACCESSIC VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOR TITLE JOURNA FEATURES SOU ORIGIN Query Best I	ARO ION Seq DN ARO S . Unk ISM Unk ISM Unc CE 1 RS God Pro AL Pat S Irce  Match Local Si	nuence 94160 94160.  nown. nown. (lassif (bases owski, tein tent: U	ied. 1 to 30 P.J., Mi Prosine 5 60016: Location 1363' /organi: /mol_ty	537) ark,, kin 21-A 7 55m="" 0.0%	nt US 6001621.  905  M.R. and Scadden,D.T. ases 3 14-DEC-1999; alifiers  unknown" unassigned DNA"  ; Score 3637; DB 6; ; Pred. No. 0;	Length 3637;		
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LOCUS DEFINITI ACCESSIO VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOR TITLE JOURNA FEATURES SOU  ORIGIN Query Best I Matche RESULT 2 AR103004 LOCUS	ARO ION Seq DN ARO S . Unk ISM Unk Unc CE 1 RS Good Pro AL Pat S Urce  Match Local Si es 3637;	muence: 94160 94160.  mown. classif (bases lowski, tein t ent: U milari Conse	ied. 1 to 30 P.J., Mayrosine 5 60016: Location 1. 363' /organia: /mol_ty  ty 100 ervative	537) ark,, kin 21-A n/Qu 7 sm=""	nt US 6001621.  905  M.R. and Scadden,D.T. ases 3 14-DEC-1999; alifiers  unknown" unassigned DNA"  ; Score 3637; DB 6; ; Pred. No. 0; 0; Mismatches 0;  3637 bp DNA	Length 3637; Indels 0; Gaps 0;		
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LOCUS DEFINITI ACCESSIO VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOR TITLE JOURNA FEATURES SOU  ORIGIN Query Best I Matche RESULT 2 AR103004 LOCUS	ARO ION Seq DN ARO S . Unk ISM Unk UNC CE 1 RS Good Pro AL Pat Surce  Match Local Si es 3637;	muence: 94160 94160.  mown. classif (bases lowski, tein t ent: U milari Conse	ied. 1 to 30 P.J., Mayrosine 5 60016: Location 1. 363' /organia: /mol_ty  ty 100 ervative	537) ark,, kin 21-A n/Qu 7 sm=""	nt US 6001621.  905  M.R. and Scadden,D.T. ases 3 14-DEC-1999; alifiers  unknown" unassigned DNA"  ; Score 3637; DB 6; ; Pred. No. 0; 0; Mismatches 0;  3637 bp DNA	Length 3637; Indels 0; Gaps 0;		
LOCUS DEFINITI ACCESSIO VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOF TITLE JOURNA FEATURES SOU  ORIGIN Query Best I Matche RESULT 2 AR103004 LOCUS DEFINITI	ARO ION Seq DN ARO S . Unk ISM	muence: 94160 94160. mown. mown. classif (bases lowski, tein t ent: U milari Conse	ied. 1 to 30 P.J., Mayrosine 5 60016: Location 1. 363' /organia: /mol_ty  ty 100 ervative	537) ark, kin 21-A n/Qu 7 sm=" 0.0% 0.0% e	nt US 6001621.  905  M.R. and Scadden,D.T. ases 3 14-DEC-1999; alifiers unknown" unassigned DNA"  ; Score 3637; DB 6; ; Pred. No. 0; 0; Mismatches 0;  3637 bp DNA nt US 6087144.	Length 3637; Indels 0; Gaps 0;		
LOCUS DEFINITI ACCESSIO VERSION KEYWORDS SOURCE ORGANI REFERENC AUTHOR TITLE JOURNA FEATURES SOU  ORIGIN Query Best I Matche RESULT 2 AR103004 LOCUS DEFINITI ACCESSIO VERSION	ARO ION Seq DN ARO S . Unk ISM	muence: 94160 94160. mown. mown. classif (bases lowski, tein t ent: U milari Conse	ied. 1 to 30 P.J., Moreorine S 60016: Location 1363' /organis /mol_ty  ty 100 ervative 3 from p	537) ark, kin 21-A n/Qu 7 sm=" 0.0% 0.0% e	nt US 6001621.  905  M.R. and Scadden,D.T. ases 3 14-DEC-1999; alifiers unknown" unassigned DNA"  ; Score 3637; DB 6; ; Pred. No. 0; 0; Mismatches 0;  3637 bp DNA nt US 6087144.	Length 3637; Indels 0; Gaps 0;		
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REFERENCE
           Scadden, D.T., Baker, K.P. and Baron, W.F.
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VERSION
KEYWORDS
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            Unclassified.
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            Godowski, P.J., Mark, M.R. and Scadden, D.T.
            Nucleic acids encoding protein tryosine kinases
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  JOÚRNAL
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                        3962 2 AAQ92522
3962 2 AAQ92520
                                                           Aaq92522 Human mam
                 94.8
     2 3449.4
                                                          Aaq92520 Human mam
        3449.4
                 94.8
     3 .
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DT
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DE
xx
      Mammary carcinoma kinase; MCK-10; receptor tyrosine kinase;
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ORGANISM Unknown.

Unclassified.

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proliferative disease; cancer; insulin receptor family;
KW
     tyrosine kinase neurotropin receptor; MCK-10 activity;
KW
     neurological disorder; aberrant expression; ds.
KW
XX
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     Homo sapiens.
ХХ
                     Location/Qualifiers
FH
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DR
DR
     P-PSDB; AAW34672.
XX
     Truncated receptor tyrosine kinase CCK-2 - and nucleic acid coding for
PT
     it, useful for cancer diagnosis.
РΤ
XX
PS
     Disclosure; Fig 1; 70pp; English.
XX
     The present sequence represents the cDNA of a mammary carcinoma kinase,
CC
     called MCK-10. This kinase belongs to a novel family of receptor tyrosine
CC
     kinases, and expression is associated with proliferative diseases such as
CC
     cancer. The MCK-10 receptor tyrosine kinase has extensive sequence.
CC
     similarity to the insulin receptor family. The MCK-10 gene was isolated
CC
     by PCR using 2 degenerate oligonucleotide primer pools, using a template
CC
     cDNA synthesised by reverse transcription of poly-A RNA from the human
CC
     mammary carcinoma cell line MCF7. MCK-10 is expressed in brain tissue,
CC
     and the protein shares homology with the tyrosine kinase neurotropin
CC
     receptor. Modulation of MCK-10 activity therefore may be used for
CC
     treatment of neurological disorders. MCK-10 is also expressed in a
CC
     variety of cancer cell lines and tumour tissue. The present sequence, or
CC
     parts of it, can be used for diagnostic purposes to detect aberrant
     expression of MCK-10 genes. Inhibitors of MCK-10 receptor activity may
CC
     have therapeutic value in the treatment of diseases such as cancer
CC
ХX
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  Best Local Similarity 97.0%; Pred. No. 0;
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                                                    5; Indels 105; Gaps
  Matches 3589; Conservative
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XX
AC
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XX
      26-NOV-1995 (first entry)
DT
XX
     Human mammary carcinoma kinase 10 (MCK-10) cDNA.
DE
XX
      Mammary carcinoma kinase 10; MCK-10; transmembrane receptor;
KW
KW
     receptor tyrosine kinase; cancer; ss.
xx
os
      Homo sapiens.
XX
                      Location/Qualifiers
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     16-NOV-1994;
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     16-NOV-1993;
                    93US-00153397.
PR
XX
     (PLAC ) MAX PLANCK GES FOERDERUNG WISSENSCHAFTEN.
PΑ
XX
     Ullrich A, Alves FHE;
ΡI
ХX
     WPI: 1995-224055/29.
DR
     P-PSDB; AAR75504.
DR
XX
     New nucleic acid encoding CCK-2 receptor tyrosine kinase - and derived
PT
     vectors, transformed cells, proteins and antibodies, useful for diagnosis
PT
     and treatment of proliferative and nervous system diseases and for
PΤ
PT
     screening modulators.
XX
     Disclosure; Page 67-69; 115pp; English.
XX
     cDNA prepd. from human breast cancer cell line MCF7 (ATCC HTB22) was used
CC
     in a PCR with two degenerate oligo primer pools based on conserved
CC
     sequences of the kinase domain of receptor tyrosine kinases. One clone,
CC
     designated MCK-10, was identified as novle RTK. The PCR fragment was used
CC
     to screen a lambda gt11 library of human fetal brain cDNA. Several
CC
     overlapping clones were identified. The composite of these cDNA clones is
CC
     given in AAQ92522 and the deduced AA sequence in AAR75504. Some of the
CC
     clones had a deletion of 6AA at posn. 2315 in the MCK-10 sequence. MCK-10
CC
     has all the characteristics of a receptor PTK (see AAR75504 FT).
     Screening of human placental library yielded two cDNA clones. One of the
CC
     clones isolated from the human fetal brain library contained an
CC
     additional 18 nts in the TK domain. The MCK-10 splice isoforms have been
CC
     designated MCK-10-1 (with an additional 111 bp between nts 1832 and 1943)
CC
     ; MCK-10-2 (without any insertions); MCK-10-3 (with the additional 111
CC
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TK homology and alternative splice sites

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bps and 18 bp in the TK domain); and MCK-10-4 (with the additional 18

bp). The predicted mol. wts. of MCK-10-1 and MCK-10-2 proreceptors are

101.13 and 97.17 kD respectively, and can thus be subdivided into a 34.31

kD alpha subunit and a 66.84 or 62.88 kD beta subunits that contain the

Issued:

CC

CC

CC

CC

CC XX

SO

CDS

FT

321. .3080

#### SUMMARIES

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3637	100.0	3637	3	US-08-445-461-3	Sequence 3, Appli
3453.2	94.9	3751	4	US-09-140-378A-1	Sequence 1, Appli
	94.9	3962	1	US-08-336-343A-1	Sequence 1, Appli
	93.5	3803	4	US-09-023-655-1272	Sequence 1272, Ap
		1197	1	US-08-445-640-7	Sequence 7, Appli
1197	32.9	1197	3	US-08-170-558-7	Sequence 7, Appli
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 Patent No. 5709858
  GENERAL INFORMATION:
    APPLICANT: Godowski, Paul J.
     APPLICANT: Mark, Melanie R.
    APPLICANT: Scadden, David T. APPLICANT: Baker, Kevin P.
     APPLICANT: Baron, Will F.
    TITLE OF INVENTION: Protein Tyrosine Kinases NUMBER OF SEQUENCES: 35
     CORRESPONDENCE ADDRESS:
       ADDRESSEE: Genentech, Inc.
       STREET: 460 Point San Bruno Blvd
       CITY: South San Francisco
       STATE: California
       COUNTRY: USA
       ZIP: 94080
     COMPUTER READABLE FORM:
       MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
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       OPERATING SYSTEM: PC-DOS/MS-DOS
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       FILING DATE: 20-DEC-1993
     PRIOR APPLICATION DATA:
      APPLICATION NUMBER: 08/157563
       FILING DATE: 23-NOV-1993
     ATTORNEY/AGENT INFORMATION:
       NAME: Hasak, Janet E.
       REGISTRATION NUMBER: 28,616
       REFERENCE/DOCKET NUMBER: 854C2
     TELECOMMUNICATION INFORMATION:
       TELEPHONE: 415/225-1896
       TELEFAX: 415/952-9881
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; Patent No. 6001621
  GENERAL INFORMATION:
     APPLICANT: Godowski, Paul J.
APPLICANT: Mark, Melanie R.
     APPLICANT: Scadden, David T.
     APPLICANT: Baker, Kevin P.
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APPLICANT: Baron, Will F.
    TITLE OF INVENTION: Protein Tyrosine Kinases
    NUMBER OF SEQUENCES: 35
    CORRESPONDENCE ADDRESS:
      ADDRESSEE: Genentech, Inc.
      STREET: 460 Point San Bruno Blvd
      CITY: South San Francisco
      STATE: California
      COUNTRY: USA
      ZIP: 94080
    COMPUTER READABLE FORM:
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    ATTORNEY/AGENT INFORMATION:
      NAME: Hasak, Janet E.
      REGISTRATION NUMBER: 28,616
      REFERENCE/DOCKET NUMBER: 854C1
    TELECOMMUNICATION INFORMATION:
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       TELEFAX: 415/952-9881
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     APPLICANT: Scadden, David T.
     APPLICANT: Baker, Kevin P.
     APPLICANT: Baron, Will F.
    TITLE OF INVENTION: Protein Tyrosine Kinases NUMBER OF SEQUENCES: 35
     CORRESPONDENCE ADDRESS:
       ADDRESSEE: Genentech, Inc.
       STREET: 460 Point San Bruno Blvd
       CITY: South San Francisco
       STATE: California
       COUNTRY: USA
       ZIP: 94080
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      TELEFAX: 415/952-9881
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; Patent No. 6096527
   GENERAL INFORMATION:
     APPLICANT: Godowski, Paul J.
    APPLICANT: Mark, Melanie R. APPLICANT: Scadden, David T.
    APPLICANT: Baker, Kevin P.
    APPLICANT: Baron, Will F.
     TITLE OF INVENTION: Protein Tyrosine Kinases
    NUMBER OF SEQUENCES: 35
     CORRESPONDENCE ADDRESS:
      ADDRESSEE: Genentech, Inc.
      STREET: 460 Point San Bruno Blvd
      CITY: South San Francisco
      STATE: California
      COUNTRY: USA
      ZIP: 94080
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       FILING DATE: 20-DEC-1993
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       FILING DATE: 23-NOV-1993
     ATTORNEY/AGENT INFORMATION:
      NAME: Hasak, Janet E.
       REGISTRATION NUMBER: 28,616
       REFERENCE/DOCKET NUMBER: 854C3
     TELECOMMUNICATION INFORMATION:
       TELEPHONE: 415/225-1896
       TELEFAX: 415/952-9881
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# SUMMARIES

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4	2230.2	61.3	2742	9	AY412942	AY412942 Pan trogl
5	2146	59.0	3594	3	AK031442	AK031442 Mus muscu
6	2141.8	58.9	3012	3	BC037108	BC037108 Mus muscu
7	1904	52.4	2721	9	AY412943	AY412943 Mus muscu
8	1746.4	48.0	2633	3	BC006836	BC006836 Mus muscu
9	912.6	25.1	997	5	BX456402	BX456402 BX456402
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## SUMMARIES

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						AR105000 Sequence
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4	11				180847	AR094160 Sequence
5	11				AR094160	AR103004 Sequence
6	11:				AR103004	AR103004 Sequence
. 7	11				AR105288	
8	11				180845	180845 Sequence 3
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10	1195				AR380727	AR380727 Sequence
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SOURCE Unknown.						
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REFEREN			3 1 to 1			4
AUTHO					M.R. and Scadden, D.T.	
TITLE		Protein				•
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            Scadden, D.T., Baker, K.P. and Baron, W.F.
  AUTHORS
            Protein tyrosine kinases
  TITLE
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REFERENCE
            Godowski, P.J., Mark, M.R. and Scadden, D.T.
  AUTHORS
            Nucleic acids encoding protein tryosine kinases Patent: US 6096527-A 7 01-AUG-2000;
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  AUTHORS
             Godowski, P.J., Mark, M.R. and Scadden, D.T.
  TITLE
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            Godowski, P.J., Mark, M.R. and Scadden, D.T.
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            Protein tyrosine kinases
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REFERENCE
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  AUTHORS
            Scadden, D.T., Baker, K.P. and Baron, W.F.
            Protein tyrosine kinases
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Patent: US)5709858-A 7 20-JAN-1998;

JOURNAL

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            Godowski, P.J., Mark, M.R. and Scadden, D.T.
            Nucleic acids encoding protein tryosine kinases
Patent: US 6096527-A 3 01-AUG-2000;
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REFERENCE
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 AUTHORS
            Godowski, P.J., Mark, M.R. and Scadden, D.T.
  TITLE
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	6	1193.8	99.7	3849	6	ABV99141	Abv99141 Human pan
	7	1192.2	99.6	3554	6	AAS16842	Aas16842 Human epi
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	9	1192.2	99.6	3962	2	AAQ92520	Aaq92520 Human mam
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C	14	526	43.9	563	4	AAS57829	Aas57829 cDNA #505
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	16	473.8	39.6	2861	4	AAH33198	Aah33198 Human col
	17	378.4	31.6	12010	6	ABN96872	Abn96872 Gene #337
	18	378.4	31.6	12010	10	ADK60904	Adk60904 Ovarian c
	19	378.4	31.6	12010	11	ADO18789	Ado18789 Human tyr
	20	327.4	27.4	2648	11	ADM29347	Adm29347 Human nov
	21	327.4	27.4	3096	2	AAV48292	Aav48292 Discoidin
	22	327.4	27.4	3096	6	ABZ35285	Abz35285 Human gen

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ADI31946
     ADI31946 standard; cDNA; 3803 BP.
XX
AC
     ADI31946:
XX
DT
     17-JUN-2004 (first entry)
XX
     Human cDNA #1272.
DE
XX
     Human; gene; ss; immunological response; immunopathological condition;
KW
     Crohn's disease; asthma; ulcerative colitis; hypereosinophilia;
KW
     irritable bowel syndrome; osteoarthritis; rheumatoid arthritis;
     acute monocytic leukaemia; antiinflammatory; antiasthmatic; antiulcer;
ĸW
     osteopathic; antiarthritic; antirheumatic; cytostatic.
KW
ХX
os
     Homo sapiens.
XX
     US6607879-B1.
PN
PD
     19-AUG-2003.
XX
PF
     09-FEB-1998;
                    98US-00023655.
XX
     09-FEB-1998;
                    98US-00023655.
PR
XX
     (INCY-) INCYTE CORP.
ХX
PΙ
     Cocks BG, Stuart SG, Seilhamer JJ;
XX
     WPI; 2003-895307/82.
DR
xx
     A composition comprising a plurality of cDNAs, useful for detecting
PΤ
     altered expression of genes in an immunological response or for
PT
     diagnosing and treating an immunopathology, e.g. Crohn's disease, asthma
PT
     or osteoarthritis.
PT
XX
     Claim 1; SEQ ID NO 1272; 50pp; English.
PS
XX
     The invention relates to a composition comprising a plurality of cDNAs
CC
     for detecting the altered expression of genes in an immunological
CC
CC
     response. The invention also relates to a method of diagnosing or
     monitoring the treatment of an immunopathological condition in a sample,
CC
     comprising obtaining nucleic acids from a sample, contacting the nucleic
     acids of the sample with an array comprising the plurality of cDNAs under
CC
     conditions to form one or more hybridisation complexes, detecting the
CC
     hybridisation complexes and comparing the levels of the detected
     hybridisation complexes with the level of hybridisation complexes
CC
     detected in a non-diseased sample, where an altered level of the detected
     hybridisation complexes correlates with the presence of an
CC
     immunopathological condition. Also disclosed are an expression profile
CC
CC
     comprising a microarray and a plurality of detectable complexes and a
     method for identifying a plurality of polynucleotide probes. The cDNAs
CC
     are useful as hybridisable array elements in a microarray for monitoring
     the expression of target polynucleotides. The microarray can be used in
CC
CC
     the diagnosis of an immunopathology, such as Crohn's disease, asthma,
     ulcerative colitis, hypereosinophilia, irritable bowel syndrome,
CC
     osteoarthritis, rheumatoid arthritis or acute monocytic leukaemia, and in
CC
CC
     identifying agents for the treatment of the diseases. The microarray may
     also be used in drug discovery and development, toxicological and
CC
     carcinogenicity studies, forensics or pharmacogenomics. The composition
CC
     may also be used in purification of a subpopulation of mRNAs, cDNAs or
     genomic fragments. This sequence represents a human cDNA of the
CC
     invention. Note: The sequence data for this patent did not form part of
     the printed specification but was obtained in electronic format directly
CC
CC
     from USPTO at seqdata.uspto.gov/sequence.html.
XX
     Sequence 3803 BP; 721 A; 1184 C; 1123 G; 775 T; 0 U; 0 Other;
                          99.9%; Score 1195.4; DB 11; Length 3803;
  Best Local Similarity
                          99.9%; Pred. No. 6.9e-278;
  Matches 1196; Conservative
                                 0; Mismatches
                                                   1:
                                                       Indels
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RESULT 2
ADE24730
     ADE24730 standard; cDNA; 3838 BP.
TD
XX
AC
     ADE24730:
XX
DT
     29-JAN-2004 (first entry)
XX
     Human DDR1 transcript variant 2 encoding cDNA SEQ ID NO:1.
DE
XX
KW
     brain tumour; discoidin domain receptor family member 1; DDR1;
KW
     cytostatic; gene therapy; human; gene; ss.
XX
os
     Homo sapiens.
XX
FΗ
     Kev
                     Location/Qualifiers
FT
                     337. .2964
     CDS
FT
                     /*tag= a
                     /product= "DDR1 transcript variant 2"
FT
XX
     WO2003085125-A1.
ΡN
XX
PD
     16-OCT-2003.
XX
PF
     03-APR-2003; 2003WO-US010407.
ХX
PR
     03-APR-2002: 2002US-0369743P.
\mathbf{x}\mathbf{x}
PΑ
     (AGYT-) AGY THERAPEUTICS INC.
XX
PΙ
     Nagavarapu U, Shivak DA, Chin D, Gonzalez-Zulueta M, Foehr E;
XX
DR
     WPI; 2003-877034/81.
DR
     P-PSDB; ADE24731.
XX
     Diagnosing or staging brain tumor, useful for treating or imaging brain
PT
PT
     tumor, comprises determining the upregulation of DDR1 mRNA or polypeptide
РΤ
     in the brain tumor.
XX
PS
     Disclosure; SEQ ID NO 1; 107pp; English.
XX
CC
     The present invention describes a method for diagnosing or staging brain
CC
     tumour comprising determining the upregulation of discoidin domain
CC
     receptor family member 1 (DDR1) mRNA or polypeptide in the brain tumour.
CC
     Also described: (1) a method of treating brain tumour by administering a
CC
     therapeutic amount of a compound that binds to, or inhibits, DDR1; (2) a
CC
     method of imaging a brain tumour by administering to a patient a compound
CC
     that specifically binds DDR1, where the compound is conjugated to an
CC
     imaging moiety; and (3) a method of screening candidate agents for
CC
     modulation of a brain tumour target protein by combining a candidate
CC
     biologically active agent with any one of a DDR1 polypeptide, a cell
CC
     comprising a nucleic acid encoding and expressing DDR1 polypeptide, or a
CC
     non-human transgenic animal model for brain tumour gene function
CC
     comprising a knockout of DDR1, an exogenous and stably transmitted DDR1
CC
     sequence; and determining the effect of the agent on DDR1 activity, where
CC
     the agents that modulate polypeptide activity provide for molecular and
     cellular changes in brain tumour cells. DDR1 has cytostatic activity, and
CC
CC
     can be used in gene therapy. The methods are useful for diagnosing,
CC
     staging, imaging and treating brain tumour. The present sequence encodes
CC
     human DDR1 transcript variant 2, which is used in the exemplification of
CC
     the present invention.
XX
SO
     Sequence 3838 BP; 748 A; 1123 C; 1125 G; 842 T; 0 U; 0 Other;
                          99.9%; Score 1195.4; DB 10; Length 3838; 99.9%; Pred. No. 6.9e-278;
  Ouery Match
  Best Local Similarity
  Matches 1196; Conservative 0; Mismatches
                                                   1: Indels
                                                                  0; Gaps
                                                                               0;
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## Issued:

Result		Query			
No.			Length	DB	ID
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2	1197			3	US-08-170-558-7
3	1197	100.0			US-08-447-314-7
4	1197	100.0		3 1	US-08-445-461-7 US-08-445-640-3
5 6	1197 119 <b>7</b>	100.0		3	US-08-170-558-3
. 7	1197			3	US-08-447-314-3
8	1197	100.0	3637	3	US-08-445-461-3
9					US-09-023-655-1272
10					
11 12	327.4				
c 13			3157	1	US-08-336-343A-5
14	321	26.8			US-08-456-647B-19
15	321	26.8	3120	2	US-08-237-401A-19
; Seque ; Paten ; GENE ; AF ; AF ; AF	45-640-7 nce 7, A t No. 57 RAL INFO PLICANT: PLICANT: PLICANT:	pplicat 09858 RMATION Godow Mark Scado Bakes	N: wski, Pa , Melan den, Da r, Kevi	aul ie R vid n P.	J.
	PLICANT:				n Munasina Vinagas
	TLE OF I				n Tyrosine Kinases
	RRESPOND			,	
;	ADDRESSE			, In	c.
;					uno Blvd
;	CITY: S			cisc	0
;	STATE: COUNTRY:		rnia		
; ;	ZIP: 94				
•	MPUTER R		E FORM:		
;					360 Kb floppy disk
;	COMPUTER			-	
;	OPERATIN SOFTWARE				
	RRENT AP	_			
;	APPLICAT	ION NOI	MBER:	US/O	8/445,640
;	FILING D			1995	
;	CLASSIFI IOR APPL				
; PR	APPLICAT			08/1	70558
;	FILING D				
	IOR APPL				
;	APPLICAT			•	57563
; 	FILING D				
; AT	TORNEY/A NAME: H				
;	REGISTRA			28,	616
;	REFERENC				
•	LECOMMUN				ON:
i	TELEPHON TELEFAX:		•		
;	TELEX:			1	
	RMATION			: 7	:
	QUENCE C			S:	
;	LENGTH:				
;	TYPE: n STRANDED				
,	DODOL OGV		211916		

TOPOLOGY: linear

Description

Sequence 7, Appli Sequence 7, Appli Sequence 7, Appli Sequence 3, Appli

Sequence 3, Appl1
Sequence 1272, Ap
Sequence 1, Appli
Sequence 1, Appli
Sequence 3, Appli
Sequence 5, Appli
Sequence 19, Appl
Sequence 19, Appl

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US-08-445-640-7
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Query Match 100.0%; Score 1197; DB 1; Length 1197; Best Local Similarity 100.0%; Pred. No. 4.5e-310;
 Matches 1197; Conservative 0; Mismatches 0; Indels
                                                                   0; Gaps
                                                                                0;
RESULT 2
US-08-170-558-7
; Sequence 7, Application US/08170558
 Patent No. 6001621
; GENERAL INFORMATION:
    APPLICANT: Godowski, Paul J. APPLICANT: Mark, Melanie R.
    APPLICANT: Scadden, David T.
    APPLICANT: Baker, Kevin P.
    APPLICANT: Baron, Will F.
    TITLE OF INVENTION: Protein Tyrosine Kinases
    NUMBER OF SEQUENCES: 35
    CORRESPONDENCE ADDRESS:
      ADDRESSEE: Genentech, Inc.
      STREET: 460 Point San Bruno Blvd
      CITY: South San Francisco
      STATE: California
      COUNTRY: USA
      ZIP: 94080
    COMPUTER READABLE FORM:
      MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
      COMPUTER: IBM PC compatible
      OPERATING SYSTEM: PC-DOS/MS-DOS
      SOFTWARE: patin (Genentech)
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/08/170,558
      FILING DATE: 20-DEC-1993
      CLASSIFICATION: 435
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER: 08/157563
      FILING DATE: 23-NOV-1993
    ATTORNEY/AGENT INFORMATION:
     NAME: Hasak, Janet E.
      REGISTRATION NUMBER: 28,616
      REFERENCE/DOCKET NUMBER: 854C1
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: 415/225-1896
      TELEFAX: 415/952-9881
      TELEX: 910/371-7168
  INFORMATION FOR SEQ ID NO: 7:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 1197 bases
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
US-08-170-558-7
 Query Match 100.0%; Score 1197; DB 3; Length 1197; Best Local Similarity 100.0%; Pred. No. 4.5e-310;
                                                  0; Indels `0; Gaps
 Matches 1197; Conservative 0; Mismatches
RESULT 3
US-08-447-314-7
; Sequence 7, Application US/08447314
; Patent No. 6087144
; GENERAL INFORMATION:
    APPLICANT: Scadden, David T.
    APPLICANT: Baker, Kevin P.
    APPLICANT: Baron, Will F.
    TITLE OF INVENTION: Protein Tyrosine Kinases NUMBER OF SEQUENCES: 35
    CORRESPONDENCE ADDRESS:
      ADDRESSEE: Genentech, Inc.
```

```
STREET: 460 Point San Bruno Blvd
       CITY: South San Francisco
       STATE: California
       COUNTRY: USA
       ZIP: 94080
     COMPUTER READABLE FORM:
       MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
       COMPUTER: IBM PC compatible
       OPERATING SYSTEM: PC-DOS/MS-DOS
       SOFTWARE: patin (Genentech)
     CURRENT APPLICATION DATA:
       APPLICATION NUMBER: US/08/447,314
       FILING DATE: 22-MAY-1995
       CLASSIFICATION: 435
     PRIOR APPLICATION DATA:
       APPLICATION NUMBER: 08/170558
       FILING DATE: 20-DEC-1993
     PRIOR APPLICATION DATA:
       APPLICATION NUMBER: 08/157563
       FILING DATE: 23-NOV-1993
     ATTORNEY/AGENT INFORMATION:
       NAME: Hasak, Janet E.
       REGISTRATION NUMBER: 28,616
       REFERENCE/DOCKET NUMBER: 854C1D2
     TELECOMMUNICATION INFORMATION:
       TELEPHONE: 415/225-1896
       TELEFAX: 415/952-9881
       TELEX: 910/371-7168
   INFORMATION FOR SEQ ID NO: 7:
     SEQUENCE CHARACTERISTICS:
       LENGTH: 1197 bases
       TYPE: nucleic acid
       STRANDEDNESS: single
       TOPOLOGY: linear
US-08-447-314-7
  Query Match 100.0%; Score 1197; DB 3; Length 1197; Best Local Similarity 100.0%; Pred. No. 4.5e-310;
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  Matches 1197; Conservative
RESULT 4
US-08-445-461-7
; Sequence 7, Application US/08445461
  Patent No. 6096527
   GENERAL INFORMATION:
    APPLICANT: Godowski, Paul J.
APPLICANT: Mark, Melanie R.
APPLICANT: Scadden, David T.
     APPLICANT: Baker, Kevin P.
     APPLICANT: Baron, Will F.
     TITLE OF INVENTION: Protein Tyrosine Kinases
     NUMBER OF SEQUENCES: 35
     CORRESPONDENCE ADDRESS:
       ADDRESSEE: Genentech, Inc.
       STREET: 460 Point San Bruno Blvd
       CITY: South San Francisco
STATE: California
       COUNTRY: USA
       ZIP: 94080
     COMPUTER READABLE FORM:
       MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
       COMPUTER: IBM PC compatible
       OPERATING SYSTEM: PC-DOS/MS-DOS
       SOFTWARE: patin (Genentech)
     CURRENT APPLICATION DATA:
       APPLICATION NUMBER: US/08/445,461
       FILING DATE: 22-MAY-1995
       CLASSIFICATION: 530
     PRIOR APPLICATION DATA:
       APPLICATION NUMBER: 08/170558
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FILING DATE: 20-DEC-1993
     PRIOR APPLICATION DATA:
      APPLICATION NUMBER: 08/157563
      FILING DATE: 23-NOV-1993
     ATTORNEY/AGENT INFORMATION:
      NAME: Hasak, Janet E. .
      REGISTRATION NUMBER: 28,616
      REFERENCE/DOCKET NUMBER: 854C3
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: 415/225-1896
      TELEFAX: 415/952-9881
      TELEX: 910/371-7168
  INFORMATION FOR SEQ ID NO: 7:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 1197 bases
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
US-08-445-461-7
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 Query Match
 Best Local Similarity 100.0%; Pred. No. 4.5e-310;
 Matches 1197; Conservative 0; Mismatches 0; Indels
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                                                                            0;
RESULT 5
US-08-445-640-3
; Sequence 3, Application US/08445640
; Patent No. 5709858
; GENERAL INFORMATION:
    APPLICANT: Godowski, Paul J.
    APPLICANT: Mark, Melanie R.
    APPLICANT: Scadden, David T.
    APPLICANT: Baker, Kevin P. APPLICANT: Baron, Will F.
    TITLE OF INVENTION: Protein Tyrosine Kinases
    NUMBER OF SEQUENCES: 35
    CORRESPONDENCE ADDRESS:
      ADDRESSEE: Genentech, Inc.
      STREET: 460 Point San Bruno Blvd
      CITY: South San Francisco
      STATE: California
      COUNTRY: USA
      ZIP: 94080
    COMPUTER READABLE FORM:
    MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
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      OPERATING SYSTEM: PC-DOS/MS-DOS
      SOFTWARE: patin (Genentech)
    CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/08/445,640
      FILING DATE: 22-MAY-1995
      CLASSIFICATION: 435
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER: 08/170558
      FILING DATE: 20-DEC-1993
    PRIOR APPLICATION DATA:
      APPLICATION NUMBER: 08/157563
      FILING DATE: 23-NOV-1993
    ATTORNEY/AGENT INFORMATION:
      NAME: Hasak, Janet E.
      REGISTRATION NUMBER: 28,616
      REFERENCE/DOCKET NUMBER: 854C2
    TELECOMMUNICATION INFORMATION:
      TELEPHONE: 415/225-1896
      TELEFAX: 415/952-9881
      TELEX: 910/371-7168
  INFORMATION FOR SEQ ID NO: 3:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 3637 bases
      TYPE: nucleic acid
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STRANDEDNESS: single
       TOPOLOGY: linear
US-08-445-640-3
  Query Match 100.0%; Score 1197; DB 1; Length 3637; Best Local Similarity 100.0%; Pred. No. 6.8e-310;
  Matches 1197; Conservative 0; Mismatches 0; Indels
                                                                      0; Gaps
                                                                                   0;
RESULT 6
US-08-170-558-3
; Sequence 3, Application US/08170558
; Patent No. 6001621
; GENERAL INFORMATION:
     APPLICANT: Godowski, Paul J.
APPLICANT: Mark, Melanie R.
APPLICANT: Scadden, David T.
     APPLICANT: Baker, Kevin P. APPLICANT: Baron, Will F.
     TITLE OF INVENTION: Protein Tyrosine Kinases
     NUMBER OF SEQUENCES: 35
     CORRESPONDENCE ADDRESS:
       ADDRESSEE: Genentech, Inc.
       STREET: 460 Point San Bruno Blvd
       CITY: South San Francisco
       STATE: California
       COUNTRY: USA
       ZIP: 94080
     COMPUTER READABLE FORM:
       MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
       COMPUTER: IBM PC compatible
       OPERATING SYSTEM: PC-DOS/MS-DOS
       SOFTWARE: patin (Genentech)
     CURRENT APPLICATION DATA:
       APPLICATION NUMBER: US/08/170,558
       FILING DATE: 20-DEC-1993
       CLASSIFICATION: 435
     PRIOR APPLICATION DATA:
       APPLICATION NUMBER: 08/157563
       FILING DATE: 23-NOV-1993
     ATTORNEY/AGENT INFORMATION:
       NAME: Hasak, Janet E.
       REGISTRATION NUMBER: 28,616
       REFERENCE/DOCKET NUMBER: 854C1
     TELECOMMUNICATION INFORMATION:
       TELEPHONE: 415/225-1896
       TELEFAX: 415/952-9881
       TELEX: 910/371-7168
   INFORMATION FOR SEQ ID NO: 3:
     SEQUENCE CHARACTERISTICS:
       LENGTH: 3637 bases
       TYPE: nucleic acid
       STRANDEDNESS: single
       TOPOLOGY: linear
US-08-170-558-3
  Query Match 100.0%; Score 1197; DB 3; Length 3637; Best Local Similarity 100.0%; Pred. No. 6.8e-310;
  Matches 1197; Conservative 0; Mismatches 0; Indels
RESULT 7
US-08-447-314-3
; Sequence 3, Application US/08447314 ; Patent No. 6087144
; GENERAL INFORMATION:
     APPLICANT: Scadden, David T.
     APPLICANT: Baker, Kevin P.
```

APPLICANT: Baron, Will F.

```
TITLE OF INVENTION: Protein Tyrosine Kinases
     NUMBER OF SEQUENCES: 35
     CORRESPONDENCE ADDRESS:
       ADDRESSEE: Genentech, Inc.
       STREET: 460 Point San Bruno Blvd
       CITY: South San Francisco
       STATE: California
       COUNTRY: USA
       ZIP: 94080
     COMPUTER READABLE FORM:
       MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
       COMPUTER: IBM PC compatible
       OPERATING SYSTEM: PC-DOS/MS-DOS
       SOFTWARE: patin (Genentech)
     CURRENT APPLICATION DATA:
       APPLICATION NUMBER: US/08/447,314
       FILING DATE: 22-MAY-1995
       CLASSIFICATION: 435
     PRIOR APPLICATION DATA:
       APPLICATION NUMBER: 08/170558
       FILING DATE: 20-DEC-1993
     PRIOR APPLICATION DATA:
       APPLICATION NUMBER: 08/157563
       FILING DATE: 23-NOV-1993
     ATTORNEY/AGENT INFORMATION:
       NAME: Hasak, Janet E.
       REGISTRATION NUMBER: 28,616
       REFERENCE/DOCKET NUMBER: 854C1D2
     TELECOMMUNICATION INFORMATION:
       TELEPHONE: 415/225-1896
       TELEFAX: 415/952-9881
       TELEX: 910/371-7168
   INFORMATION FOR SEQ ID NO: 3:
     SEQUENCE CHARACTERISTICS:
       LENGTH: 3637 bases
       TYPE: nucleic acid
       STRANDEDNESS: single
       TOPOLOGY: linear
US-08-447-314-3
 Query Match 100.0%; Score 1197; DB 3; Length 3637; Best Local Similarity 100.0%; Pred. No. 6.8e-310;
 Matches 1197; Conservative
                               0; Mismatches 0; Indels
                                                                               0;
RESULT 8
US-08-445-461-3
; Sequence 3, Application US/08445461
; Patent No. 6096527
; GENERAL INFORMATION:
    APPLICANT: Godowski, Paul J.
    APPLICANT: Mark, Melanie R.
    APPLICANT: Scadden, David T. APPLICANT: Baker, Kevin P.
    APPLICANT: Baron, Will F.
    TITLE OF INVENTION: Protein Tyrosine Kinases
   NUMBER OF SEQUENCES: 35
    CORRESPONDENCE ADDRESS:
       ADDRESSEE: Genentech, Inc.
       STREET: 460 Point San Bruno Blvd
       CITY: South San Francisco
       STATE: California
       COUNTRY: USA
       ZIP: 94080
    COMPUTER READABLE FORM:
       MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
      COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
       SOFTWARE: patin (Genentech)
    CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/08/445,461
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       APPLICATION NUMBER: 08/170558
        FILING DATE: 20-DEC-1993
      PRIOR APPLICATION DATA:
        APPLICATION NUMBER: 08/157563
        FILING DATE: 23-NOV-1993
      ATTORNEY/AGENT INFORMATION:
       NAME: Hasak, Janet E.
        REGISTRATION NUMBER: 28,616
        REFERENCE/DOCKET NUMBER: 854C3
      TELECOMMUNICATION INFORMATION:
        TELEPHONE: 415/225-1896
        TELEFAX: 415/952-9881
        TELEX: 910/371-7168
   INFORMATION FOR SEQ ID NO: 3:
      SEQUENCE CHARACTERISTICS:
        LENGTH: 3637 bases
        TYPE: nucleic acid
        STRANDEDNESS: single
        TOPOLOGY: linear
US-08-445-461-3

      Query Match
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      Score 1197;
      DB 3;
      Length 3637;

      Best Local Similarity
      100.0%;
      Pred. No. 6.8e-310;

      Matches 1197;
      Conservative
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      Mismatches
      0;
      Indels
      0;
      Gaps

                                                                                               0;
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-Result	Score	Query Match	Length	DB	ID	 Descript:	ion
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2	1193.8	99.7	3840	3	BC013400	BC013400	Homo sapi
3	1083.4	90.5	2742	9	AY412941	AY412941	Homo sapi
4	1038	86.7	2742	9	AY412942	AY412942	Pan trogl
5	894	74.7	3012	3	BC037108	BC037108	Mus muscu
6	894	74.7	3594	3	AK031442	AK031442	Mus muscu
7	811.6	67.8	1175	4	BM800022	BM800022	AGENCOURT
8	810.8	67.7	997	5	BX456402	BX456402	BX456402
9	810.2	67.7	2721	9	AY412943	AY412943	Mus muscu
10	729	60.9	2633	3	BC006836	BC006836	Mus muscu
11	720.2	60.2	992	1	AL528664	AL528664	AL528664
12	708.2	59.2	900	5	BQ933041	BQ933041	AGENCOURT
13	694.6	58.0	999	5	BX394901	BX394901	BX394901
14	668.4	55.8	682	7	CN362319	CN362319	170004245
15	650.2	54.3	1062	5	BQ073333	BQ073333	AGENCOURT